

Overview Field Activity Collections System (FACS) Log

Topic	Information
USGS Activity ID i.e. YYPRJ## *	08ACH06
Other ID (if any)	XSTORMS.h20080914
Organization(s)/Program	U. S. Geological Survey, St. Petersburg Coastal and Marine Science Center
Project/Theme	Extreme Storm Coastal Change Hazards
Area of Operation	Alabama, Mississippi, and Louisiana Barrier Islands and the North Texas Coast.
Principal Investigator(s)	A. Sallenger, K.L.M. Morgan, D. Krohn of the USGS in St. Petersburg, Fla.
Information Specialist(s)	K. Guy
Activity Type	Oblique Aerial Photo and Video Survey
Scientific Purpose/Goals	Post-Hurricane Ike survey to document the storm impact on the coast.
Platform	Beechcraft King Air N924AC
Starting Date	September 14, 2008
Starting Port/Location	St Petersburg, Fla.
Ending Date	September 15, 2008
Ending Port/Location	St Petersburg, Fla.
Equipment Used	Nikon D1X camera, Panasonic Toughbook computers (CF-51), Two Optima Bluetop Batteries (D34M), S-VHS Cable S-VHS Panasonic AG-5700, Sony HandyCam, Garmin GPS 18 PC.
Information to be Derived (e.g., Grain Size, Depth to Basement)	Analysis of coastal change due to extreme storms
Summary of Activity and Data Gathered	3 SVHS Video Tapes; 2,466 photographs
Notes (include staff, shop time etc)	<p>September 14, 2008</p> <p>Aircraft departed St Petersburg, Fla., and transited to Trent Lott International Airport (PGL), in Pascagoula, Miss. After refueling the survey started with a profile of the Dauphin Island breach, then returned to the east end of the island to survey the southern exposure of the island at 500 ft. The Nikon Capture failed and the computer needed to be restarted. We returned to the eastern end and started a second pass at 600 ft at the pier. This ensured complete coverage of the island. Most of the rest of the survey was conducted between 575 and 600 ft. The flight continued along the Mississippi barrier islands, then turned south along the Chandeleurs to the end of the islands. We then transited to Stennis International Airport (HAS) to refuel. After refueling we transited to Breton Island, then across the Mississippi Delta to Bastian Island. We continued westbound along the southern Louisiana barrier islands, to Raccoon Point. The flight continued to Louie Armstrong Airport, New Orleans (MSY), to overnight.</p> <p>September 15, 2008</p> <p>The survey departed Louie Armstrong Airport and transited to Creole, La. The survey continued along the coast to Freeport, Tx., then returned to William P. Hobby Airport (HOU), Houston, Tx., to refuel. The flight then returned to St Petersburg, Fla.</p>